

Recovery Plan Action Status

Plan Name: Recovery Plan for Upland Species of the San Joaquin Valley, California

Plan Status: Final

Plan Date: 30-Sep-98

Lead Agency: USFWS

Lead Office: Sacramento Fish And Wildlife Office

(916)

414-6600)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Buena Vista Lake ornate Shrew (Sorex ornatus relictus), Riparian woodrat (=San Joaquin Valley) (Neotoma fuscipes riparia), Palmate-bracted bird's beak (Cordylanthus palmatus), Bakersfield cactus (Opuntia treleasei), Riparian brush rabbit (Sylvilagus bachmani riparius), California jewelflower (Caulanthus californicus), Fresno kangaroo rat (Dipodomys nitratooides exilis), Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica), Kern mallow (Eremalche kernensis), Giant kangaroo rat (Dipodomys ingens), Tipton kangaroo rat (Dipodomys nitratooides), San Joaquin woolly-threads (Monolopia (=Lembertia) congdonii)	2	1.1	Develop regional cooperative program that coordinates land use planning and biodiversity conservation	Ongoing Not Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Bureau of Reclamation, U.S. Fish and Wildlife Service, California Department of Fish and Game	Other: Information and Education	Internal Technical Assistance	

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Blunt-nosed leopard lizard (<i>Gambelia silus</i>), San Joaquin kit fox (<i>Vulpes macrotis mutica</i>), Giant kangaroo rat (<i>Dipodomys ingens</i>), Tipton kangaroo rat (<i>Dipodomys nitratoides nitratoides</i>)	1	2.1.1	Protect and secure listed species habitat at Elk Hills and Buena Vista Valley	Partially Complete	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, U.S. Department of Energy, Occidental	Acquisition: Easement	Internal Technical Assistance	

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California jewelflower (<i>Caulanthus californicus</i>), Blunt-nosed leopard lizard (<i>Gambelia silus</i>), San Joaquin kit fox (<i>Vulpes macrotis mutica</i>), Giant kangaroo rat (<i>Dipodomys ingens</i>), San Joaquin woolly-threads (<i>Monolopia</i> (=Lembertia) <i>congdonii</i>)	1	2.1.12	Protect, restore, and enhance the Carrizo Plain Natural Area	Ongoing Current	FY 1995 - FY 1999		California Department of Fish and Game, The Nature Conservancy, U.S. Army Corps of Engineers, Private landowners	Acquisition: Easement	Internal Field Assistance	
California jewelflower (<i>Caulanthus californicus</i>), Blunt-nosed leopard lizard (<i>Gambelia silus</i>), San Joaquin kit fox (<i>Vulpes macrotis mutica</i>), Giant kangaroo rat (<i>Dipodomys ingens</i>), San Joaquin woolly-threads (<i>Monolopia</i> (=Lembertia) <i>congdonii</i>)	3	2.1.13	Protect natural lands and traditional rangeland uses in the Upper Cuyama Valley	Unknown	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, California Department of Fish and Game, U.S. Forest Service	Acquisition: Easement	Contract	
Blunt-nosed leopard lizard (<i>Gambelia silus</i>), San Joaquin kit fox (<i>Vulpes macrotis mutica</i>), Giant kangaroo rat (<i>Dipodomys ingens</i>), San Joaquin woolly-threads (<i>Monolopia</i> (=Lembertia) <i>congdonii</i>)	1	2.1.14	Protect natural lands in the Ciervo - Panoche Natural Area	Ongoing Not Current	FY 1995 - FY 1999		California Department of Fish and Game, U.S. Army Corps of Engineers, Private landowners	Acquisition: Easement	Contract	Depends partly on 1.2.2

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California jewelflower (Caulanthus californicus), Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica), Giant kangaroo rat (Dipodomys ingens), San Joaquin woolly-threads (Monolopia (=Lembertia) condonii)	1	2.2.23	Protect natural communities for California jewelflower and other featured species at Santa Barbara Canyon	Not Started			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game, U.S. Forest Service, Private landowners	Acquisition: Easement	Contract	Depends partly on 1.2.2
Buena Vista Lake ornate Shrew (Sorex ornatus relictus), Riparian woodrat (=San Joaquin Valley) (Neotoma fuscipes riparia), Palmate-bracted bird's beak (Cordylanthus palmatus), Bakersfield cactus (Opuntia treleasei), Riparian brush rabbit (Sylvilagus bachmani riparius), California jewelflower (Caulanthus californicus), Fresno kangaroo rat (Dipodomys nitratooides exilis), Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica), Kern mallow (Eremalche kernensis), Giant kangaroo rat (Dipodomys ingens), Tipton kangaroo rat (Dipodomys nitratooides), San Joaquin woolly-threads (Monolopia (=Lembertia) condonii)	1	3.1	Establish a program and protocol for general and directed surveys for featured species	Not Started			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: Population Surveys	Contract	Relates to program establishment and protocol development only

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Blunt-nosed leopard lizard (Gambelia silus), Giant kangaroo rat (Dipodomys ingens)	3	3.2.20	Conduct surveys for upland vertebrates on the central western Valley edge	Not Started			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: Population Surveys	Contract	
Blunt-nosed leopard lizard (Gambelia silus), Giant kangaroo rat (Dipodomys ingens), San Joaquin woolly-threads (Monolopia (=Lembertia) congdonii)	2	3.2.21	Conduct surveys for upland vertebrates in the Kettleman Hills	Not Started			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: Population Surveys	Contract	
Blunt-nosed leopard lizard (Gambelia silus), Giant kangaroo rat (Dipodomys ingens)	3	3.2.22	Conduct surveys for upland vertebrates on the southwestern Valley edge	Not Started			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game, U.S. Department of Energy	Research: Population Surveys	Contract	
Blunt-nosed leopard lizard (Gambelia silus), Giant kangaroo rat (Dipodomys ingens)	3	3.2.24	Conduct surveys for upland vertebrates in the Cuyama Valley	Ongoing Not Current			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game, U.S. Forest Service	Research: Population Surveys	Contract	
Blunt-nosed leopard lizard (Gambelia silus), Giant kangaroo rat (Dipodomys ingens)	3	3.2.25	Conduct surveys for upland vertebrates in the San Juan Creek watershed	Ongoing Not Current			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, U.S. Forest Service	Research: Population Surveys	Contract	Includes USDA easement lands
Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica), Kern mallow (Eremalche kernensis), Giant kangaroo rat (Dipodomys ingens)	1	4.11	Conduct multiple research and monitoring tasks for multiple animal and one plant species in the Lokern	Partially Complete	FY 1995 - FY 1999		California Department of Water Resources, California Energy Commission, U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game, Private landowners	Research: Population Surveys	Contract	Research for 5-year minimum; monitoring ongoing

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Blunt-nosed leopard lizard (Gambelia silus), Giant kangaroo rat (Dipodomys ingens)	2	4.14	Conduct multiple research and monitoring tasks for multiple animal species in the Elk Hills - Buena Vista Valley area	Ongoing Current			U.S. Fish and Wildlife Service, Private landowners, U.S. Department of Energy	Research: Competition	Contract	Research 5 years minimum, monitoring ongoing
Blunt-nosed leopard lizard (Gambelia silus), Giant kangaroo rat (Dipodomys ingens)	3	4.2	Conduct censuses for short-nosed kangaroo rats & monitor populations of multiple animal species in the Cuyama Valley	Not Started			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, U.S. Forest Service, Private landowners	Research: Population Surveys	Contract	
Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica), Giant kangaroo rat (Dipodomys ingens)	3	4.29	Monitor populations of multiple animal species at the Kettleman Hills	Not Started			California Department of Water Resources, U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: Demographic Studies	Contract	
California jewelflower (Caulanthus californicus), Blunt-nosed leopard lizard (Gambelia silus), Giant kangaroo rat (Dipodomys ingens), San Joaquin woolly-threads (Monolopia (=Lembertia) congdonii)	2	4.4	Conduct multiple research and monitoring tasks for multiple animal species on the Carrizo Plain	Ongoing Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game, The Nature Conservancy	Research: Habitat Status	Graduate Student	Monitoring ongoing, research for 5 years. Giant kangaroo rat study started in 2008.
Giant kangaroo rat (Dipodomys ingens)	3	4.6	Conduct research on mating & social systems of the giant kangaroo rat at the Carrizo Plain	Ongoing Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: General, Research: Habitat Requirements, Research: Population Assessment, Research: Population Surveys	Graduate Student	Study is incidental to population surveys in UC Berkeley study.
Giant kangaroo rat (Dipodomys ingens)	3	4.76	Conduct single-metapopulation viability analysis on the giant kangaroo rat	Not Started			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game, U.S. Department of Energy	Research: Other Information	Contract	

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Palmate-bracted bird's beak (Cordylanthus palmatus), Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica), Giant kangaroo rat (Dipodomys ingens)	2	5.1.1	Restore habitat and habitat linkages for kit foxes on the Valley floor, western Fresno County	Not Started			U.S. Bureau of Land Management, U.S. Bureau of Reclamation, U.S. Fish and Wildlife Service, Private landowners	Acquisition: Management Agreement	Contract	Depends partly on 1.2.2
Buena Vista Lake ornate Shrew (Sorex ornatus relictus), Riparian woodrat (=San Joaquin Valley) (Neotoma fuscipes riparia), Palmate-bracted bird's beak (Cordylanthus palmatus), Bakersfield cactus (Opuntia treleasei), Riparian brush rabbit (Sylvilagus bachmani riparius), California jewelflower (Caulanthus californicus), Fresno kangaroo rat (Dipodomys nitratoides exilis), Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica), Kern mallow (Eremalche kernensis), Giant kangaroo rat (Dipodomys ingens), Tipton kangaroo rat (Dipodomys nitratoides), San Joaquin woolly-threads (Monolopia (=Lembertia) congdonii)	3	5.2	Reintroduce featured species to restored habitat within linkages	Not Started			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Acquisition: Management Agreement	Contract	

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Blunt-nosed leopard lizard (<i>Gambelia silus</i>), San Joaquin kit fox (<i>Vulpes macrotis mutica</i>), Giant kangaroo rat (<i>Dipodomys ingens</i>)	3	5.3.10	Maintain & enhance habitat linkages for upland species between CPNA & Cuyama Valley	Unknown	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Acquisition: Easement	Contract	
Blunt-nosed leopard lizard (<i>Gambelia silus</i>), San Joaquin kit fox (<i>Vulpes macrotis mutica</i>), Giant kangaroo rat (<i>Dipodomys ingens</i>), Tipton kangaroo rat (<i>Dipodomys nitratoides nitratoides</i>), San Joaquin woolly-threads (<i>Monolopia (=Lembertia) congdonii</i>)	3	5.3.12	Maintain and enhance habitat linkages for upland species in the San Juan Creek watershed, San Luis Obispo Co.	Ongoing Not Current			City governments, County governments, U.S. Department of Agriculture, U.S. Fish and Wildlife Service, California Department of Fish and Game, Private landowners	Acquisition: Easement	Contract	Depends partly on 1.2.2
Blunt-nosed leopard lizard (<i>Gambelia silus</i>), San Joaquin kit fox (<i>Vulpes macrotis mutica</i>), Giant kangaroo rat (<i>Dipodomys ingens</i>), San Joaquin woolly-threads (<i>Monolopia (=Lembertia) congdonii</i>)	2	5.3.5	Protect grass and shrubland communities on western Valley floor edge, Panoche Creek to Ciervo Wash	Not Started			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Acquisition: Easement	Contract	Depends on 1.2.2
Blunt-nosed leopard lizard (<i>Gambelia silus</i>), San Joaquin kit fox (<i>Vulpes macrotis mutica</i>), Giant kangaroo rat (<i>Dipodomys ingens</i>), San Joaquin woolly-threads (<i>Monolopia (=Lembertia) congdonii</i>)	2	5.3.6	Protect grass and shrubland communities on western Valley edge, Ciervo Wash to Coalinga	Unknown			City governments, County governments, U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Acquisition: Easement	Contract	Depends on 1.2.2

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California jewelflower (Caulanthus californicus), Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica), Giant kangaroo rat (Dipodomys ingens), San Joaquin woolly-threads (Monolopia (=Lembertia) congdonii)	2	5.3.7	Protect grass and shrubland communities on weatern Valley edge, Coalinga to McKittrick	Discontinued	FY 1995 - FY 1999		City governments, County governments, U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Acquisition: Easement	Contract	Depends on 1.2.2
California jewelflower (Caulanthus californicus), Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica), Kern mallow (Eremalche kernensis), Giant kangaroo rat (Dipodomys ingens), San Joaquin woolly-threads (Monolopia (=Lembertia) congdonii)	2	5.3.8	Protect grass and shrubland communities on southwestern Valley edge from McKittrick to Maricopa and eastward and northward to Kern River, east of Bakersfield	Planned			California Department of Water Resources, Unknown, U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Acquisition: Easement	Contract	Depends on 1.2.2

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